

Converting Colors

YUV(101.1300, 63.0399,
-59.7500)

Have a look what the booklet for
YUV(101.1300, 63.0399, -59.7500)
contains.

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Color

**YUV(101.1300, 63.0399,
-59.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	216FE5
RGB	33, 111, 229
RGB Percent	13%, 44%, 90%
CMY	0.8706, 0.5647, 0.1020
CMYK	0.86, 0.52, 0.00, 0.10
HSL	216°, 79%, 51%
HSV	216°, 86%, 90%
XYZ	20.4545, 17.3494, 76.3994
YIQ	101.1300, -84.3660, 20.1620

Conversions

Conversions Part 2

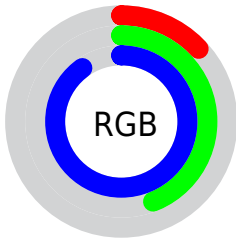
Format	Color
R _Y B	33, 89, 229
Decimal	2191333
CIE Lab	48.70, 20.76, -66.17
CIE LCh	49, 69.356, 287.420
Yxy	17.3494, 0.1791, 0.1519
Android (android.graphics.Color)	4280381413 (0xFF216FE5)
YUV	101.1300, 63.0399, -59.7500
Hunter-Lab	41.6526, 14.7648, -79.5934

Details

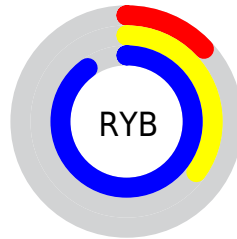
The YUV color **101.1300, 63.0399, -59.7500** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **160.8700, -63.0399, 59.7500**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2500, 47.6977, -38.8073**, and **57.8770, 56.7556, -50.7581** is the 20% darker color. If you saturate the color by 10%, you get **86.0350, 70.4817, -66.6827**, and if you desaturate by 10%, it is **116.2250, 55.5981, -52.8173**.

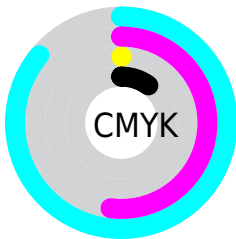
Distribution



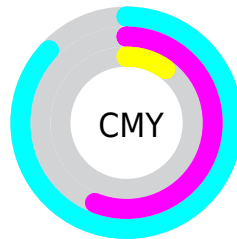
- Red (13%)
- Green (44%)
- Blue (90%)



- Red (13%)
- Yellow (35%)
- Blue (90%)



- Cyan (86%)
- Magenta (52%)
- Yellow (0%)
- Black (10%)



- Cyan (87%)
- Magenta (56%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.1300, 63.0399, -59.7500 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 101.1300, 63.0399, -59.7500 by changing the saturation by 10% instead.

■ 101.1300, 63.0399,
-59.7500

■ 101.1300, 63.0399,
-59.7500

255.0000, 0.0000,
0.0000

■ 73.8690, 62.1826,
-64.7831

■ 158.2500, 47.6977,
-38.8073

■ 57.8770, 56.7556,
-50.7581

■ 183.6670, 35.1672,
-33.0340

■ 42.3580, 50.6025,
-37.1480

■ 209.0840, 22.6366,
-27.2607

■ 28.8280, 44.4548,
-25.2822

■ 235.3760, 9.6746,
-23.1318

■ 11.7760, 40.0434,
-10.3276

■ 250.5150, 2.2111,
-9.2217

■ 12.5620, 27.8239,
-11.0169

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 101.1300, 63.0399,
-59.7500

■ 101.1300, 63.0399,
-59.7500

■ 86.0350, 70.4817,
-66.6827

■ 116.2250, 55.5981,
-52.8173

■ 79.5230, 73.6922,
-69.7417

■ 131.3200, 48.1562,
-45.8846

■ 145.8280, 41.0038,
-38.4372

■ 160.9230, 33.5620,
-31.5045

■ 176.0180, 26.1201,
-24.5718

■ 190.8140, 18.8257,
-18.2539

■ 205.9090, 11.3839,
-11.3212

■ 220.4170, 4.2314,
-3.8737

■ 235.5120, -3.2104,
3.0590

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



102.6440, 63.2795, -90.0188



101.1300, 63.0399, -59.7500



117.4320, 38.7340, 36.4551

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



101.1300, 63.0399, -59.7500



107.1910, -39.5342, 80.5165



92.2120, -2.0765, -80.8699

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



101.1300, 63.0399, -59.7500



160.8700, -63.0399, 59.7500

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6620, -31.3854, -60.2166



101.1300, 63.0399, -59.7500



108.8880, -53.6818, 44.8252

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



101.1300, 63.0399, -59.7500



101.4610, -8.6083, 101.3277



104.4930, -51.5150, 3.0756



99.7530, 24.2788, -87.4834

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



101.1300, 63.0399, -59.7500



111.4060, 24.9428, 73.3119



104.4930, -51.5150, 3.0756



88.6440, -10.6705, -77.7408

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



101.1300, 63.0399, -59.7500



211.7860, 21.3045, -19.9833



161.5040, -5.1785, -112.6980



101.9520, 12.8417, -12.2359



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



101.1300, 63.0399, -59.7500



88.3570, 82.1550, -77.4891



61.3240, 82.6643, -7.3001



107.3030, 3.7946, -3.7737



62.0830, 57.6401, -54.4468



17.5540, 16.4889, -15.3949

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



100.4960, 5.1785, 112.6980



87.7590, 6.5278, 146.6704



200.6760, -82.6643, 7.3001



107.1580, 0.4151, 6.8774



61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 101.1300, 63.0399, -59.7500 looks on a white background.

Color Contrast Check

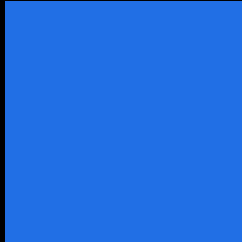
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.1300, 63.0399, -59.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

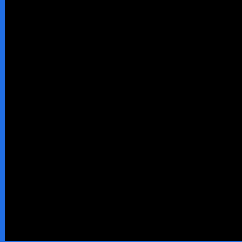
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

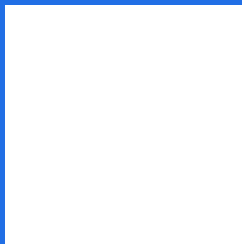
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.1300, 63.0399, -59.7500 Background



This preview shows how black text looks on a background with the YUV color 101.1300, 63.0399, -59.7500.



This preview shows how white text looks on a background with the YUV color 101.1300, 63.0399,

-59.7500.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

101.1300, 63.0399, -59.7500

Protanopia

102.0270, 62.5977, -57.9057

Deuteranopia

92.5220, 54.9587, -81.1418



Tritanopia

90.6400, 22.3625, -79.4913

Trichromacy



Original Color

101.1300, 63.0399, -59.7500

Protanomaly

101.7280, 62.7451, -58.5205

Deuteranomaly

95.3750, 57.9891, -73.1199

Tritanomaly

94.5820, 37.1811, -72.4244

Monochromacy



Original Color

101.1300, 63.0399, -59.7500

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.2310, 23.0571, -22.1276

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.1300, 63.0399, -59.7500 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(33, 111, 229)` looks like.

```
.text, #text, p{  
    color:rgb(33, 111, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(33, 111, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 111, 229) }
```

Border

The CSS property to change the border of an element to YUV 101.1300, 63.0399, -59.7500 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(33, 111, 229) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(33, 111, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(33, 111, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 111, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 111, 229);  
box-shadow:4px 4px 4px 4px rgb(33, 111,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 101.1300, 63.0399, -59.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 111, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(33, 111,  
229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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